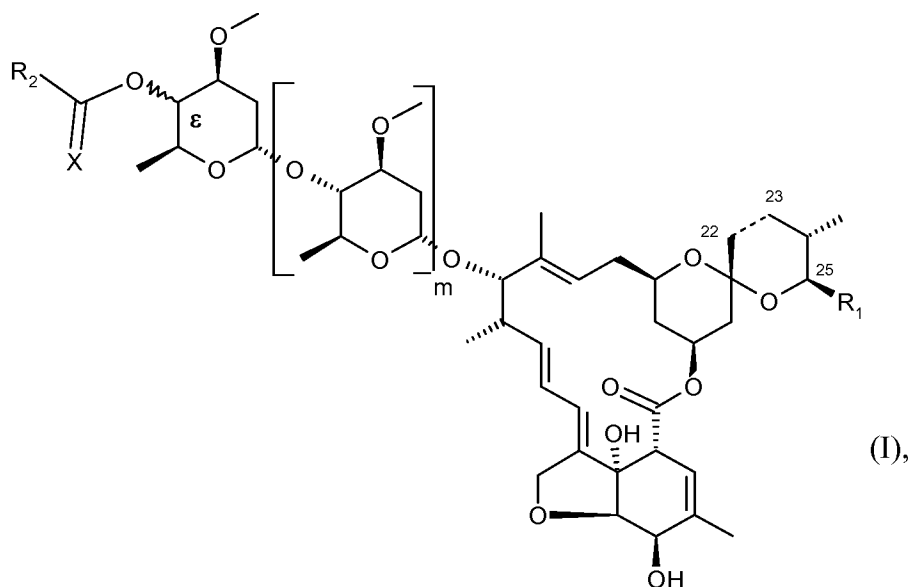


# AMENDMENTS TO THE CLAIMS

Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

1. (Currently amended): A compound of the formula



wherein the bond between carbon atoms 22 and 23 is a single or double bond;

m is 0 or 1;

R<sub>1</sub> is C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl or C<sub>2</sub>-C<sub>12</sub>alkenyl; and either

(A) R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>, and

(1) X is O, wherein

R<sub>3</sub> is hydrogen, unsubstituted or mono- to pentasubstituted C<sub>1</sub>-C<sub>12</sub>alkyl, unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl, unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkynyl, aryl or heterocyclyl, and

R<sub>4</sub> is mono- to pentasubstituted C<sub>1</sub>-C<sub>12</sub>alkyl, unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl, unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkynyl, unsubstituted ~~and~~ or mono- to trisubstituted heterocyclyl, unsubstituted ~~and~~ or

mono- to pentasubstituted aryl,  $\text{NH}_2$ ,  $\text{NHC}_1\text{-C}_{12}\text{alkyl}$ ,  $\text{N}(\text{C}_1\text{-C}_{12}\text{alkyl})_2$ ,  $\text{C}_1\text{-C}_6\text{alkyl-N}(\text{C}_1\text{-C}_{12}\text{alkyl})_2$ ,  $-\text{C}_1\text{-C}_6\text{alkyl-N}^+(\text{C}_1\text{-C}_{12}\text{alkyl})_3$ ,  $\text{SO}_2\text{NH}_2$ ,  $\text{SO}_2\text{NHC}_6\text{H}_5$ ,  $\text{SO}_2\text{Phenyl}$ ,  $\text{SO}_2\text{Benzyl}$ ,  $\text{OH}$ ,  $-\text{OC}_1\text{-C}_{12}\text{alkyl}$ ,  $-\text{OC}_1\text{-C}_{12}\text{alkenyl}$  or  $-\text{OC}_1\text{-C}_{12}\text{alkynyl}$ ; or

(2) X is S, wherein

$\text{R}_3$  is hydrogen, unsubstituted or mono- to pentasubstituted  $\text{C}_1\text{-C}_{12}\text{alkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkenyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkynyl}$ ; aryl or heterocyclyl, and

$\text{R}_4$  is hydrogen, unsubstituted or mono- to pentasubstituted  $\text{C}_1\text{-C}_{12}\text{alkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkenyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkynyl}$ , unsubstituted ~~and~~ or mono- to trisubstituted heterocyclyl, unsubstituted ~~and~~ or mono- to pentasubstituted aryl,  $\text{NH}_2$ ,  $\text{NHC}_1\text{-C}_{12}\text{alkyl}$ ,  $\text{N}(\text{C}_1\text{-C}_{12}\text{alkyl})_2$ ,  $\text{SO}_2\text{NH}_2$ ,  $\text{SO}_2\text{NHC}_6\text{H}_5$ ,  $\text{SO}_2\text{Phenyl}$ ,  $\text{SO}_2\text{Benzyl}$ ,  $\text{OH}$  or  $-\text{OC}_1\text{-C}_{12}\text{alkyl}$ ; or

(3) X is O or S, wherein  $\text{R}_3$  and  $\text{R}_4$  together are a three- to seven-membered alkylene or a four- to seven-membered alkenylene bridge, in which a  $\text{CH}_2$  group may be replaced by O, S,  $\text{C=O}$  or  $\text{NR}_6$ ; or

(B)  $\text{R}_2$  is  $\text{OR}_5$  and X is O or S, wherein  $\text{R}_5$  is  ~~$\text{C}_1\text{-C}_{12}\text{alkyl}$~~ , mono- to pentasubstituted  $\text{C}_1\text{-C}_{12}\text{alkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkenyl}$ , unsubstituted or mono- to pentasubstituted  $\text{C}_2\text{-C}_{12}\text{alkynyl}$ ;

in which the substituents of the alkyl-, alkenyl-, alkynyl-, alkylene-, alkenylene-, heterocyclyl-, aryl- and cycloalkyl-radicals mentioned under  $\text{R}_3$ ,  $\text{R}_4$  and  $\text{R}_5$  are selected from the group consisting of OH, halogen, halo- $\text{C}_1\text{-C}_2\text{alkyl}$ , CN, SCN,  $\text{NO}_2$ ,  $\text{C}_2\text{-C}_6\text{alkynyl}$ ,  $\text{C}_3\text{-C}_8\text{cycloalkyl}$  which is unsubstituted or substituted by one to three methyl groups; norbornylenyl;  $\text{C}_3\text{-C}_8\text{cycloalkenyl}$  which is unsubstituted or substituted by one to three methyl groups;  $\text{C}_3\text{-C}_8\text{halocycloalkyl}$ ,  $\text{C}_1\text{-C}_{12}\text{alkoxy}$ ,  $\text{C}_1\text{-C}_{12}\text{alkoxyC}_1\text{-C}_{12}\text{alkoxy}$ ,  $\text{C}_3\text{-C}_8\text{cycloalkoxy}$ ,

C<sub>1</sub>-C<sub>12</sub>alkylthio, C<sub>3</sub>-C<sub>8</sub>cycloalkylthio, C<sub>1</sub>-C<sub>12</sub>haloalkylthio, C<sub>1</sub>-C<sub>12</sub>alkylsulfinyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfinyl, C<sub>1</sub>-C<sub>12</sub>haloalkylsulfinyl, C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfinyl, C<sub>1</sub>-C<sub>12</sub>alkylsulfonyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfonyl, C<sub>1</sub>-C<sub>12</sub>haloalkylsulfonyl, C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfonyl, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkynyl, -N(R<sub>6</sub>)<sub>2</sub>, wherein the two R<sub>6</sub> are independent of each other; -C(=O)R<sub>7</sub>, -O-C(=O)R<sub>8</sub>, -NHC(=O)R<sub>7</sub>, -S-C(=S)R<sub>8</sub>, -P(=O)(OC<sub>1</sub>-C<sub>6</sub>alkyl)<sub>2</sub>, -S(=O)<sub>2</sub>R<sub>11</sub>; -NH-S(=O)<sub>2</sub>R<sub>11</sub>, -OC(=O)-C<sub>1</sub>-C<sub>6</sub>alkyl-S(=O)<sub>2</sub>R<sub>11</sub>; aryl, benzyl, heterocyclyl, aryloxy, benzyloxy, heterocyclyloxy, arylthio, benzylthio, heterocyclylthio; and also aryl, heterocyclyl, aryloxy, benzyloxy, heterocyclyloxy, arylthio, benzylthio or heterocyclylthio which, ~~depending on the possibilities of substitution on the ring, are~~ may be mono- to pentasubstituted by substituents selected from the group consisting of OH, halogen, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio, C<sub>1</sub>-C<sub>12</sub>haloalkylthio, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, dimethylamino-C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkynyl, phenoxy, phenyl-C<sub>1</sub>-C<sub>6</sub>alkyl, methylenedioxy, -C(=O)R<sub>7</sub>, -O-C(=O)-R<sub>8</sub>, -NH-C(=O)R<sub>8</sub>, -N(R<sub>10</sub>)<sub>2</sub>, wherein the two R<sub>10</sub> are independent of each other; C<sub>1</sub>-C<sub>6</sub>alkylsulfinyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>haloalkylsulfinyl, C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfinyl, C<sub>1</sub>-C<sub>6</sub>alkylsulfonyl, C<sub>3</sub>-C<sub>8</sub>cycloalkylsulfonyl, C<sub>1</sub>-C<sub>6</sub>haloalkylsulfonyl and C<sub>3</sub>-C<sub>8</sub>halocycloalkylsulfonyl;

R<sub>6</sub> is H, C<sub>1</sub>-C<sub>8</sub>alkyl, hydroxy-C<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkynyl, phenyl, benzyl, -C(=O)R<sub>7</sub>, or -CH<sub>2</sub>-C(=O)-R<sub>7</sub>;

R<sub>7</sub> is H, OH, SH, -N(R<sub>10</sub>)<sub>2</sub>, wherein the two R<sub>10</sub> are independent of each other; C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>2</sub>-C<sub>12</sub>alkenyl, C<sub>1</sub>-C<sub>8</sub>hydroxyalkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>alkylthio, C<sub>2</sub>-C<sub>8</sub>alkenyloxy, C<sub>2</sub>-C<sub>8</sub>alkynyloxy, NH-C<sub>1</sub>-C<sub>6</sub>alkyl-C(=O)R<sub>9</sub>, -N(C<sub>1</sub>-C<sub>6</sub>alkyl)-C<sub>1</sub>-C<sub>6</sub>alkyl-C(=O)-R<sub>9</sub>, -O-C<sub>1</sub>-C<sub>2</sub>alkyl-C(=O)-R<sub>9</sub>, -C<sub>1</sub>-C<sub>6</sub>alkyl-S(=O)<sub>2</sub>R<sub>9</sub>; aryl, benzyl, heterocyclyl, aryloxy, benzyloxy, heterocyclyloxy; or aryl, benzyl, heterocyclyl, aryloxy, benzyloxy or heterocyclyloxy, which are unsubstituted or mono- to trisubstituted in the ring independently of one another by halogen, nitro, C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>1</sub>-C<sub>6</sub>haloalkyl or C<sub>1</sub>-C<sub>6</sub>haloalkoxy;

R<sub>8</sub> is H, C<sub>1</sub>-C<sub>24</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>hydroxyalkyl, C<sub>2</sub>-C<sub>8</sub>alkenyl, C<sub>2</sub>-C<sub>8</sub>alkynyl, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, N(R<sub>10</sub>)<sub>2</sub>, wherein the two R<sub>10</sub> are independent of each other; -C<sub>1</sub>-C<sub>6</sub>alkyl-C(=O)R<sub>10</sub>, -C<sub>1</sub>-C<sub>6</sub>alkyl-S(=O)<sub>2</sub>R<sub>9</sub>, aryl, benzyl, heterocyclyl; or aryl, benzyl or heterocyclyl

which, ~~depending on the possibilities of substitution on the ring, are~~ may be mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio and C<sub>1</sub>-C<sub>12</sub>haloalkylthio;

R<sub>9</sub> is H, OH, C<sub>1</sub>-C<sub>24</sub>alkyl which is optionally substituted with OH, or -S(=O)<sub>2</sub>-C<sub>1</sub>-C<sub>6</sub>alkyl; C<sub>1</sub>-C<sub>12</sub>alkenyl, C<sub>1</sub>-C<sub>12</sub>alkynyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkyl, C<sub>1</sub>-C<sub>6</sub>alkoxy-C<sub>1</sub>-C<sub>6</sub>alkoxy, C<sub>2</sub>-C<sub>8</sub>alkenyloxy, aryl, aryloxy, benzyloxy, heterocyclyl, heterocyclyloxy or -N(R<sub>10</sub>)<sub>2</sub>, wherein the two R<sub>10</sub> are independent of each other;

R<sub>10</sub> is H, C<sub>1</sub>-C<sub>6</sub>alkyl, which is optionally substituted with one to five substituents selected from the group consisting of halogen, C<sub>1</sub>-C<sub>6</sub>alkoxy, hydroxy and cyano; C<sub>1</sub>-C<sub>8</sub>-cycloalkyl, aryl, benzyl, heterocyclyl; or aryl, benzyl or heterocyclyl, which, ~~depending on the possibilities of substitution on the ring, may be~~ are mono- to trisubstituted by substituents selected from the group consisting of OH, halogen, CN, NO<sub>2</sub>, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>haloalkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, C<sub>1</sub>-C<sub>12</sub>haloalkoxy, C<sub>1</sub>-C<sub>12</sub>alkylthio and C<sub>1</sub>-C<sub>12</sub>haloalkylthio;

or, ~~if appropriate,~~ an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, ~~in each case in free form or in a salt form thereof.~~

2. (Original) A pesticide composition which contains at least one compound of the formula (I) as described in claim 1 as active compound and at least one auxiliary.
3. (Withdrawn) A method for controlling pests wherein a composition as defined in claim 2 is applied to the pests or their habitat.
4. (Withdrawn) A process for preparing a composition as defined in claim 2 which contains at least one auxiliary, wherein the active compound is mixed intimately and/or ground with the auxiliary(s).

5. (Cancelled)

6. (Cancelled)

7. (Withdrawn) A method for protecting plant propagation material against damage by a pest, wherein the propagation material or the location where the propagation material is planted is treated with a composition as defined in claim 2.

8. (Withdrawn) Plant propagation material treated in accordance with the method defined in claim 7.

9. (New) The compound of claim 1, wherein  $R_2$  is  $-N(R_3)R_4$ , and X is O.

10. (New) The compound of claim 1, wherein  $R_2$  is  $-N(R_3)R_4$ , and X is S.

11. (New) The compound of claim 1, wherein  $R_2$  is  $-N(R_3)R_4$ , and X is O or S, wherein  $R_3$  and  $R_4$  together are a three- to seven-membered alkylene or a four- to seven-membered alkenylene bridge, in which a  $CH_2$  group may be replaced by O, S,  $C=O$  or  $NR_6$ .

12. (New) The compound of claim 1, wherein  $R_2$  is  $OR_5$  and X is O or S.

13. (New) The compound of claim 1, wherein:

$R_2$  is  $-N(R_3)R_4$ ,

X is O;

$R_3$  is hydrogen; and

$R_4$  is mono- to pentasubstituted  $C_1$ - $C_{12}$ alkyl, or unsubstituted or mono- to penta-substituted  $C_3$ - $C_{12}$ cycloalkyl.

14. (New) The compound of claim 1, wherein:

$R_2$  is  $-N(R_3)R_4$ ,

X is O;

$R_3$  is hydrogen; and

R<sub>4</sub> is unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, or unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkynyl.

15. (New) The compound of claim 1, wherein:

R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>,

X is O;

R<sub>3</sub> is hydrogen; and

R<sub>4</sub> is unsubstituted or mono- to trisubstituted heterocyclyl, or unsubstituted and mono- to pentasubstituted aryl.

16. (New) The compound of claim 1, wherein:

R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>,

X is S;

R<sub>3</sub> is hydrogen; and

R<sub>4</sub> is hydrogen, mono- to pentasubstituted C<sub>1</sub>-C<sub>12</sub>alkyl, or unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl.

17. (New) The compound of claim 1, wherein:

R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>,

X is S;

R<sub>3</sub> is hydrogen; and

R<sub>4</sub> is unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, or unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl.

18. (New) The compound of claim 1, wherein:

R<sub>2</sub> is -N(R<sub>3</sub>)R<sub>4</sub>,

X is S;

R<sub>3</sub> is hydrogen; and

R<sub>4</sub> is unsubstituted or mono- to trisubstituted heterocyclyl unsubstituted, or mono- to pentasubstituted aryl.

19. (New) The compound of claim 1, wherein:

R<sub>2</sub> is OR<sub>5</sub>, and

R<sub>5</sub> is mono- to pentasubstituted C<sub>1</sub>-C<sub>12</sub>alkyl, or unsubstituted or mono- to pentasubstituted C<sub>3</sub>-C<sub>12</sub>cycloalkyl.

20. (New) The compound of claim 1, wherein:

R<sub>2</sub> is OR<sub>5</sub>, and

R<sub>5</sub> is unsubstituted or mono- to pentasubstituted C<sub>2</sub>-C<sub>12</sub>alkenyl, or unsubstituted or mono- to pentasubstituted alkynyl.

21. (New) The compound of claim 1, wherein the configuration at the  $\epsilon$ -position is (R).

22. (New) The compound of claim 1, wherein the configuration at the  $\epsilon$ -position is (S).